

# REMEDIAL SITE ASSESSMENT DECISION - EPA REGION IV

Page 1 of 1

EPA ID: ALSFN0407161 Site Name: POLLOCK COLLINS OIL

State ID: 68899

Alias Site Names:

City: ANNISTON

County or Parish: CALHOUN

State: AL

Refer to Report Dated:

Report Type: PRELIMINARY ASSESSMENT 001

Report Developed by: STATE

## DECISION:

- ☒ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:
- ☒ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)
- ☐ 1b. Site may qualify for action, but is deferred to:
- ☐ 2. Further Assessment Needed Under CERCLA:
- 2a. Priority: ☐ Higher ☐ Lower
- 2b. Other: (recommended action) NFRAP (No Further Remedial Action Planned)

## DISCUSSION/RATIONALE:

Contamination not present above levels of concern.

Site Decision Made by: ANNIE GODFREY

Signature:

*Annie M. Godfrey*

Date: 09/30/2000

68899

FROM:

**ADEM**



ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
POST OFFICE BOX 301463 • 1400 COLISEUM BOULEVARD 36110-2059  
MONTGOMERY, ALABAMA 36130-1463

PRELIMINARY ASSESSMENT  
ON  
KING CHURCH FURNITURE (Original Site)  
NAPIER FIELD, DALE COUNTY, ALABAMA

EPA ID #:  
CERCLA Ref. #: **ALSFNo407041**

ADEM FORM 194 7/99

**PRELIMINARY ASSESSMENT  
OF  
POLLOCK COLLINS OIL  
ANNISTON, ALABAMA; CALHOUN, COUNTY  
EPA ID NO: 9636330  
CERCLIS SITE REF. NO. 7161**

1.8  
Vol. 1

*Prepared By  
Keevin M. Smith  
Alabama Department of Environmental Management  
Land Division-Hazardous Waste Branch  
Site Assessment Unit*



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**Date:** *September 18, 2000*

**Prepared by:** *Keevin M. Smith (Site Investigator)*

**Site:** *Pollock Collins Oil*

**EPA ID No.:** *9636330*

**CERCLIS No.:** *7161*

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## **1. INTRODUCTION**

Under authority of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and the Superfund Amendments and Reauthorization Act of 1986 (SARA) and a cooperative agreement between the U. S. Environmental Protection Agency and the Alabama Department of Environmental Management (ADEM), a Preliminary Assessment (PA) was conducted at the Pollock Collins Oil Site. The purpose of the investigation was to collect information concerning conditions at the site sufficient to assess the threat posed to human health and the environment and to determine the need for additional investigation under CERCLA/SARA or other action. The scope of the investigation included a review of available file information, a comprehensive target survey, and site reconnaissance of Pollock Collins Oil. Assessment of the Anniston area is ongoing and extensive residential sampling is being conducted at the direction of US EPA as an emergency removal assessment conducted with the support of ADEM. While extensive testing is being conducted, only a small quantity of analytical results was released to ADEM prior to the preparation of this report.

## **2. SITE DESCRIPTION, SITE HISTORY, AND WASTE CHARACTERISTICS**

### **2.1. Location**

The Pollock Collins Oil site is located in Calhoun County, Alabama (Figure 1). To approach the site, take U. S. Hwy 231 North from Montgomery, Al. to Sylacauga, Al. Then take State Hwy 21 North to Anniston, Al. When you reach the City of Anniston stay on State Hwy 21 North, which is known as Quintard Av. Take a left on 10<sup>th</sup> St. and travel approximately seven blocks and then take a left on Glenn Addie Av. You will find the site approximately two blocks on the left. More specifically, the site is approximately a one acre parcel of land located at 605 Glenn Addie Av. in Anniston, Al. The site is in the southeast ¼ of the southeast ¼ of the northeast ¼ of Section 7, Township 16, Range 8 East. The geographic coordinates of the site are 33° 39' 08.93783" N Latitude and 85° 50' 09.76429" Longitude. (Reference 1 and Figure 2)

Calhoun County has a temperate climate with abundant precipitation well distributed throughout all seasons. The climate of Calhoun County is characterized as humid

subtropical with hot summers, and mild winters. The average annual temperature is approximately 62°F with an average annual rainfall of approximately 54 inches. The average temperature in the summer is 80°F and in the winter is 43°F (Reference 5). Runoff in Calhoun County is less than 20 inches per year. (Reference 2)

## **2.2. Site Description**

The Pollock Collins Oil Site consists of five (5) buildings, and four (4) large stilted above ground tanks, used for fuel storage. There are some old fuel pumps, truck and auto batteries, and a few old empty steel drums located on the property. The front of the property, which is the west side of the site, is boarded by Glenn Addie Avenue, and across the avenue is a vacant lot. South of this lot flows an unnamed tributary that feeds into Snow Creek approximately five hundred fifty feet southeast of the site. It runs under Glenn Addie Avenue and borders the site from the South. The site is bordered to the east by municipal property, and to the north by industrial property. A large housing project is located southwest of the site. The area west of the stilted tanks is mostly covered with crushed limestone gravel. The area under the stilted tanks is diked. The majority of the site, apart from the buildings, is covered with grass. A small amount of stained soil and gravel were observed in the March 21, 2000, site visit. The entire site is graded, and generally level (Reference 10).

## **2.3. Operational History and Waste Characteristics**

Pollock Collins Oil Company began operation in 1938. It is a wholesale Amoco Oil Company. Pollock Collins Oil sells diesel, auto fuel, and package lubricants to local fuel stations in the Anniston and surrounding area. John Collins is the current owner and manager of the facility. He has three employees that work at the facility. Mr. Collins sells approximately three million gallons of fuel to about fifteen customers each year. He also indicated that when it rains heavily, and for prolonged periods of time, water from the vacant lot across the street drains across his property. Mr. Collins stated that the unnamed tributary of Snow Creek has overflowed its bank and flooded his property on many occasions (Reference 9).

## **3. GROUND WATER PATHWAY**

### **3.1. Hydrogeologic Setting**

The site is located within the recharge area for the Valley and Ridge aquifer system, and in the outcrop area of the Shady Dolomite. Groundwater in this formation occurs in interconnected solution channels, and potentially large amounts of water can be obtained from these features. Depth to groundwater at the site is expected to be between 0 to 25 feet (Reference 5).

### **3.2. Ground Water Targets**

There are two active public water supply wells located within 4 miles of the site. The



closest active public water supply well is operated by Union Foundry, and is located approximately 1.5 miles to the northwest of the site. The well is 595 feet deep and serves 410 people. The other public water supply well is operated by Lee Brass Company and is located approximately 2.45 miles to the southeast of the site. Most of Anniston receives drinking water from Anniston Water and Sewer Board. The site is not in a designated wellhead protection area, and no wellhead protection areas are located within four miles of the site (Reference 14 and Reference 15).

### **3.3. Ground Water Conclusions**

Of the samples taken at Pollock Collins Oil, none contained heavy metals or PCB's greater than the level of concern established by ATSDR for this site. Analytical data suggests that there is probably no contamination from Pollock Collins Oil leaching into the ground water. Mr. Collins did however indicate that at times the unnamed tributary of Snow Creek has flooded and covered most of his property. This flooding action could leave deposits of contaminants on the said site. The levels of PCBs identified would be consistent with a flooding scenario. Further testing would more fully characterize this deposition.

## **4. SURFACE WATER PATHWAY**

### **4.1. Geomorphologic Setting**

Consolidated sedimentary rocks that range in age from Cambrian to Pennsylvanian underlie the majority of Calhoun County. These rocks have been sharply folded into a series of northeast trending anticlines and synclines complicated by thrust faults. In the extreme southeastern portion of the county metamorphic rocks of the piedmont have been thrust up to the northwest and overlie sedimentary rocks of Cambrian Ordovician age (Reference 5).

The site is located within the outcrop area of the Cambrian age Shady Dolomite (Reference 6 and Figure 3 ). The Shady Dolomite is approximately 500 feet thick in Calhoun County and consists of a bluish-gray to pale-yellowish-gray thick-bedded siliceous dolomite. This unit is characterized by coarsely crystalline porous chert (Reference 5). Areas underlain by the Shady Dolomite are susceptible to karst formation.

The Jacksonville Fault traverses approximately 1.25 miles to the northwest of the site, and the Cartersville Fault traverses approximately 1.5 miles to the southeast of the site. An unnamed fault traverses approximately 0.25 miles to the southeast of the site. The Jacksonville Fault, Cartersville Fault, and the unnamed fault are thrust faults and generally trend in a northeasterly to southwesterly direction (Reference 6). The structural features in the vicinity of the site should enhance the fractured nature of the bedrock (Figure 3).

The site is situated in southern Calhoun County in what is considered to be the Weisner



Ridges physiographic district if the Alabama valley and Ridge physiographic section. The Weisner Ridges physiographic district consists mainly of Coldwater and Choccolocco Mountains where altitudes are as high as 2,100 feet. Surface water drainage in this district is mainly into tributaries of the Coosa River (Reference 7). The surface elevation at the site is approximately 680 feet MSL(Reference 1).

#### 4.2. Surface Water Targets

Surface water drainage from the site appears to be to the south into a unnamed tributary of Snow Creek. At approximately five hundred fifty feet south east of the site, the unnamed tributary flows into Snow Creek. Snow Creek flows approximately 3.5 miles to the south into Choccolocco Creek. Choccolocco Creek flows to the west and makes-up the remainder of the 15-mile surface water pathway from the site. Snow Creek and Choccolocco Creek are listed with a use classification of fish and wildlife. Choccolocco Creek has a seven day ten year low flow rate of 34 cfs and a seven day two year low flow rate of 53 cfs. Low flow data was not available for Snow Creek (Reference 4). No known surface water intakes for public drinking water supplies are located along the 15-mile surface water pathway from the site. There is no data on the unnamed tributary of Snow Creek (Reference 14).

Along the entire targeted overland drainage and surface water pathways there are no known wetlands that could come in contact with water from the site (Reference 1). The Pollock Collins Oil site, and the land along the banks of Snow and Choccolocco Creek and its intermittent tributaries might be critical to the support of many threatened and endangered terrestrial species (see list of terrestrial species in Section 5.2.). The table below lists the aquatic wildlife that is thought to have a high probability of being exposed to contaminants from the Pollock Collins Site if a substantial amount of contaminants was to enter into the surface water pathway:

<i>Common Name</i>	<i>Listing</i>	<i>Distribution in Alabama</i>
Blue Shiner	Threatened	Choccolocco Creek
Southern Pigtoe Mussel	Endangered	Choccolocco Creek

(Reference 11 and Reference 13)

#### 4.3. Surface Water Conclusion

Analytical data suggests that there are no known levels of contaminants greater than listed on the RCA Tables found on the Pollock Collins Site. A sample collected from within the unnamed tributary drainage course revealed the highest level of PCB's collected in this area. Since this sample was located upstream of the site, it appears contaminants at Pollock Collins are being deposited on site due to flooding events.

### 5. SOIL ECOPSURE AND AIR PATHWAY

#### 5.1 Physical Conditions

The Soil Conservation Service (SCS) classifies soils at the site as Philo and Stendal fine sandy loams, 0 to 2 percent slopes. The soils in this classification are described by the SCS as areas comprised of one of both of Philp and Stendal soils, which develop from general alluvium on nearly level first bottoms subject to flooding. These soils are moderately well drained and are moderately permeable. The surface soils consist of grayish-brown to dark-brown fine sandy loam, and the subsoils consist of dark-brown to yellowish-brown fine sandy loam to fine sandy clay loam (Reference 3).

## 5.2. Soil and Air Targets

There are three (3) people working at the site and three (3) people living on properties immediately adjacent to the site. There are twelve (12) houses and two apartment complexes with twelve (12) apartments in each complex within 200 feet of the site. The total number of apartment complexes in the area is thirteen (13). There is a playground and Glenn Addie Community Center located within  $\frac{1}{4}$  mile of the site. The nearest School, Cobb Ave. School, is approximately  $\frac{3}{4}$  of a mile from the site. No daycare facilities were observed seen within  $\frac{1}{2}$  of a mile of the site during the site reconnaissance (Reference 10). According to the Alabama 1990 census records, the average number of people living in homes located in the county of Calhoun is 2.59 residents per household (Reference 12). In the following table, the total population within the target area has been broken down into sub-populations that live within each specified distance radius from the site (Attachment 1).

<i><b>Distance From Site</b></i>	<i><b>Population</b></i>
$\frac{1}{4}$ mile	211
$\frac{1}{4}$ to $\frac{1}{2}$ mile	756
$\frac{1}{2}$ to 1 mile	4268
1 to 2 miles	11905
2 to 3 miles	11382
3 to 4 miles	10568
<b>Total Population</b>	39090

## School Systems and Direction from Pollock Collins Oil Site

<b>Distance Ring</b>	<b>School Name</b>	<b>Direction from Site</b>	<b>Population</b>
0-1/4	None	NA	NA
1/4-1/2	None	NA	NA
1/2-1	Cobb Ave. School	NW	356



	Johnston Elementary	E	383
1-2	10 <sup>th</sup> . St. School	E	178
	Anniston High School	NE	954
	Constantine School	S	234
	Gadsden State Community		
	Coll. Anniston Division	NE	
	Sacred Heat/St. Mary's School	NE	190
2-3	Oxford High School	S	956
	Calhoun Co. Vocational School	S	28
	Norwood School	N	303
	Wellborn Elementary School	W	750
3-4	Saks Elementary School	N	671
	Saks Middle School	N	412
	Saks High School	N	685

Within the 4-mile target area and the 15-mile surface water pathway there are no known wetlands. It is not known if the Pollock Collins Site is a critical habitat for federally designated endangered or threatened species, but the table below lists the terrestrial species that may utilize the land and surface waters located within the specified target areas.

<i>Common Name</i>	<i>Scientific Name</i>	<i>Listing</i>
Gray Bat	<u>Myotis Grisescens</u>	Endangered
Red-Cockaded Woodpecker	<u>Picoides borealis</u>	Endangered
Pygmy Sculpin	<u>Cottus pygmaeus</u>	Threatened
Blue Shiner	<u>Cyprinella caerulea</u>	Threatened
Fine-Lined Pocketbook Mussel	<u>Lampsilis altilis</u>	Threatened
Tulotoma Snail	<u>Tulotoma magnifica</u>	Endangered
Painted Rocksnail	<u>Leptoxis taeniata</u>	Threatened
Southern Pigtoe Mussel	<u>Pleurobema georgianum</u>	Endangered
Mohr's Barbara's Buttons	<u>Marshallia mohrii</u>	Threatened
Tennessee Yellow-Eyed	<u>Xyris tennesseensis</u>	Endangered

(Reference 11 and Reference 13)

### 5.3. Soil Exposure and Air Pathway Conclusion

Analytical data suggest that there are no known contaminants greater than that listed on the RCA Tables at the Pollock Collins Site. However sample number PB-009-10 was not taken at the Pollock Collins Site. It was taken on property across the street from the site.



It was 35,000 ppb PCBs. Therefore it is very unlikely for any contamination present at the Pollock Collins Site to have originated at the site. The source would appear to be contamination transported by flooding in the soil and air at the Pollock Collins Site (Attachment 3 and Attachment 6).

## **6. SUMMARY AND CONCLUSIONS**

Analytical data suggests that there are no known contaminants greater than that listed on the RCA Tables at the Pollock Collins Site. Mr. Collins did however indicate that at times the unnamed tributary of Snow Creek has flood and covered most of his property. This flooding action could leave deposits of contaminants on the site. Further evaluation of the site is not recommended as part of the PA/SI Remedial CERCLA process. However, further evaluation as part of the ongoing emergency removal could provide useful information.

## REFERENCES

1. U.S.G.S. 7.5 Minute Series Topographic Quadrangle Maps of Alabama: Anniston 1956 photorevised 1972; Choccolocco 1954 photorevised 1983; Eulaton 1956 photorevised 1972; Munford 1956 photorevised 1983; Oxford 1956 photorevised 1983; Hollis Crossroads 1967 photorevised 1983. Scale 1: 24,000.
2. Harkins, J.R., 1972, Surface-Water Availability, Calhoun County, Alabama: Map 128: Geological Survey of Alabama.
3. Harlin, William V., and Perry, E. A., 1961, Soil Survey of Calhoun County, Alabama; United States Department of Agriculture, Soil Conservation Service.
4. Hayes, Eugene C., 1978, 7-Day Low Flows and Flow Duration for Alabama Streams Through 1973, Geological Survey of Alabama, Bulletin 113.
5. Moser, Paul H., and DeJarnette, S. S., 1992, Ground-Water Availability in Calhoun County, Alabama: To Accompany Special Map 228: Geological Survey of Alabama.
6. Osborne, W.E., Szabo, M. W., Neathery, T.L., and Copelan, C. W. Jr., 1988, Geologic Map of Alabama, Geological Survey of Alabama, Special Map 220 Northwest sheet.
7. Planert, Michael, and Pritchett, J. L. Jr., 1989, Geohydrology and Susceptibility of Major aquifers to Surface Contamination in Alabama; Area 4, United States Geological Survey, Water Resources Investigation Report 88-4133.
8. Warman, J.C., and Causey, L. V., 1962, Geologic Map of Calhoun County: Map 17 Geological Survey of Alabama.
9. Smith, Keevin M., Alabama Department of Environmental Management, Site Assessment Unit, Conversations with and information provided by Mr. John Collins., March 21, 2000.
10. Smith, Keevin M., Alabama Department of Environmental Management, Site Assessment Unit, Observations made during site visit., March 21, 2000.
11. Department of Conservation and Natural Resources, 1997 Federally Listed Endangered/Threatened Species.
12. Alabama State Data Center, Center for Business and Economic Research, College of Commerce and Business Administration, The University of Alabama. 1990 CENSUS Alabama Counties and Cities By Race.

**REFERENCES CONTIUED**

13. Teem, David H., et al., Alabama Agricultural Experiment Station, 1986, Vertebrate Animals of Alabama in Need of Special Attention.
14. Alabama Department of Environmental Management, Federal Reporting Data System (FRDS-II), Public Water Supply Summary.
15. Gibson, Joseph L., Hydrogeologist ; Preliminary Assessment of Groundwater on Pollock Collins Site.



# Attachments

Attachment 1	7.5 Minute Topographic Map for Site
Attachment 2	County Map
Attachment 3	Site Diagram
Attachment 4	Flood Map of Pollock Collins Oil Site
Attachment 5	Photos
Attachment 6	Lab Analysis
Attachment 7	Platt map of Pollock Collins Oil

# **Attachment 1**

**OVERSIZED**

**DOCUMENT**



# **Attachment 2**

**OVERSIZED**

**DOCUMENT**

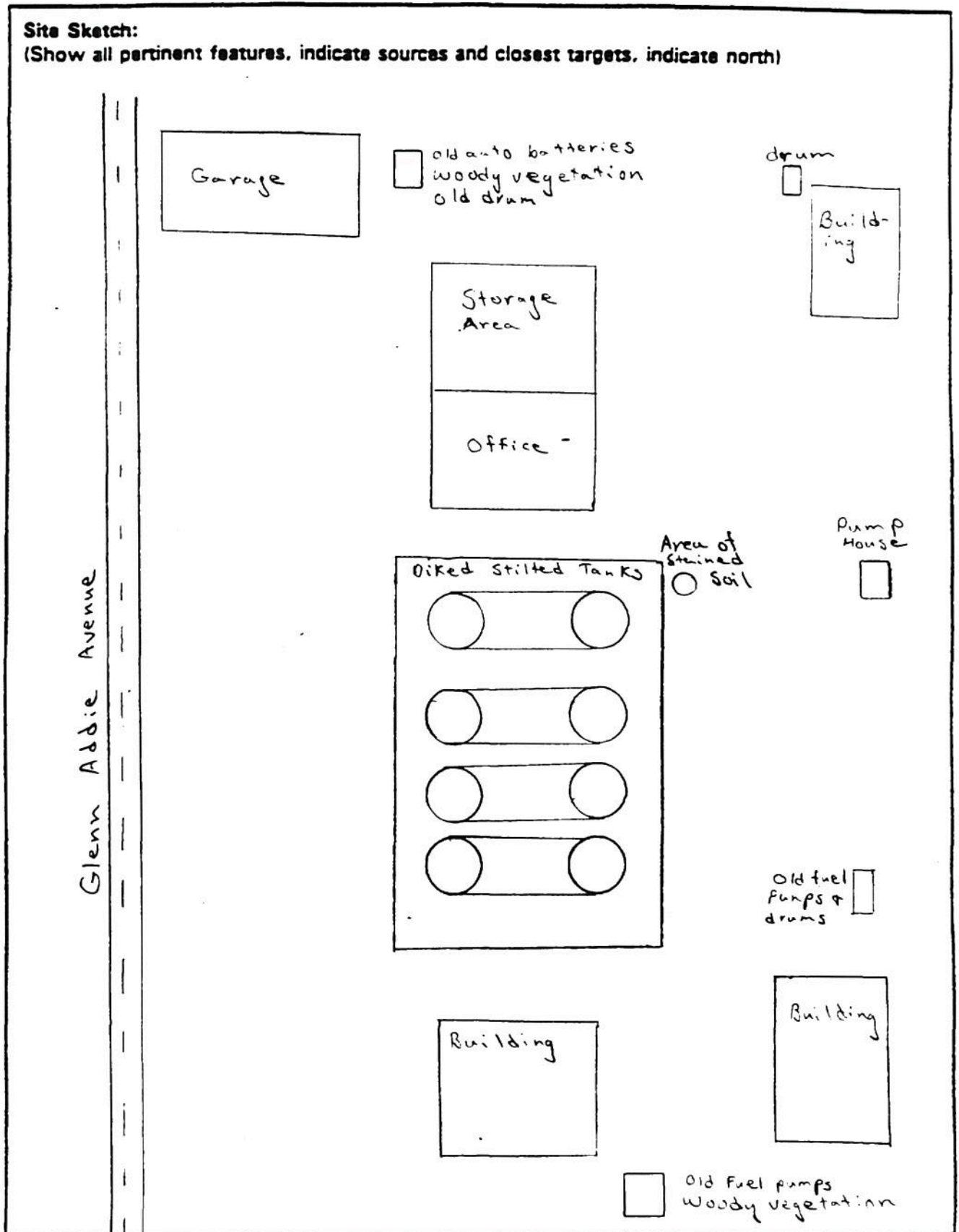
# **Attachment 3**



GENERAL INFORMATION (continued)

Site Sketch:

(Show all pertinent features, indicate sources and closest targets, indicate north)



# **Attachment 4**

**OVERSIZED**

**DOCUMENT**



# **Attachment 5**

# PHOTOGRAPHS

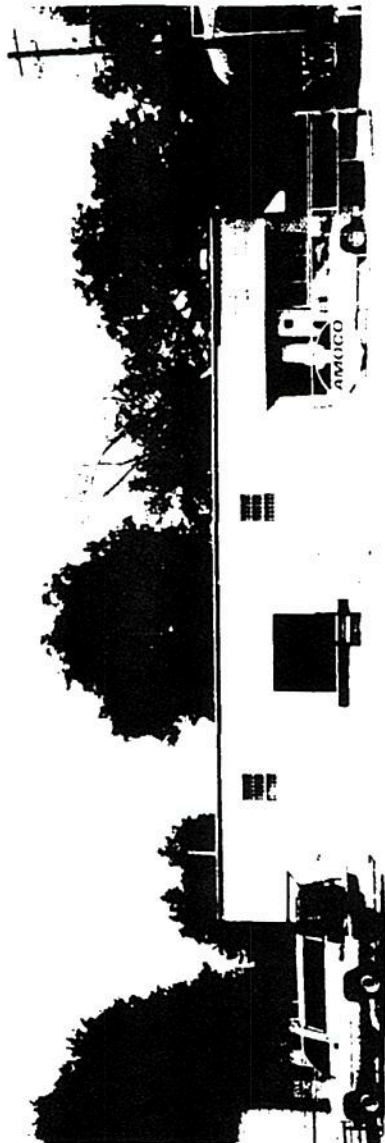
1. The office and storage complex of Pollock Collins Oil; the east side of the site
2. Garage
3. Old drums, woody vegetation and general debris
4. Old truck and auto batteries, old drums
5. Pump House
6. Storage building littered with old sign and old drums
7. Storage building
8. Storage building
9. Storage building; littered with drums and old gas pumps
10. Old gas pumps
11. Stilted tanks that are diked
12. Pump with area of stained soil
13. Pump with area of stained soil

**POOR LEGIBILITY**

**PORTIONS OF THIS DOCUMENT  
MAY BE UNREADABLE, DUE TO  
THE QUALITY OF THE  
ORIGINAL**

1982-12-14





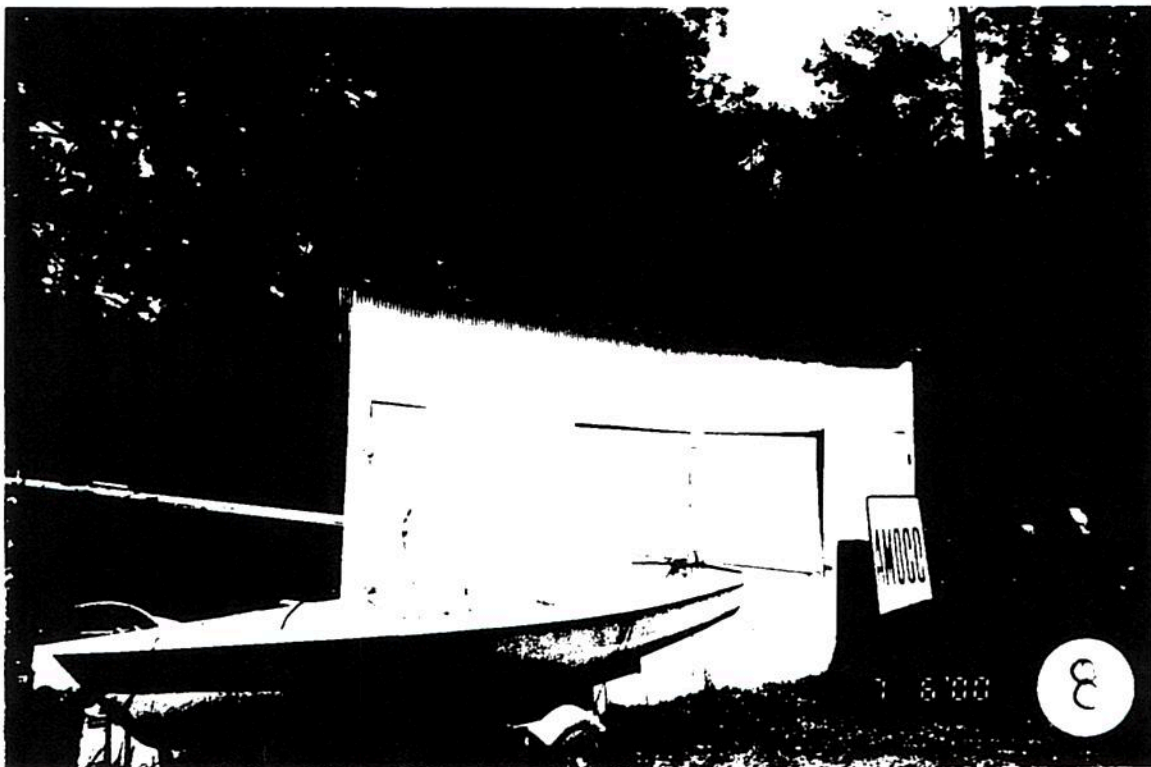


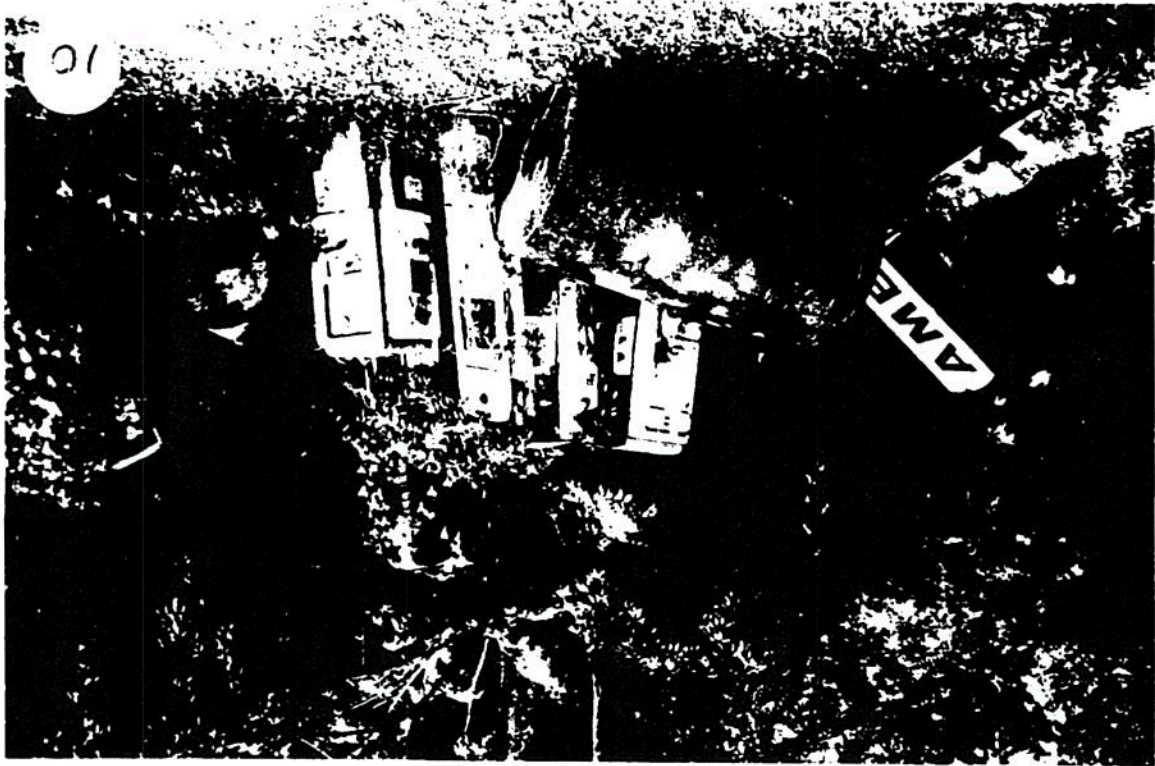
3





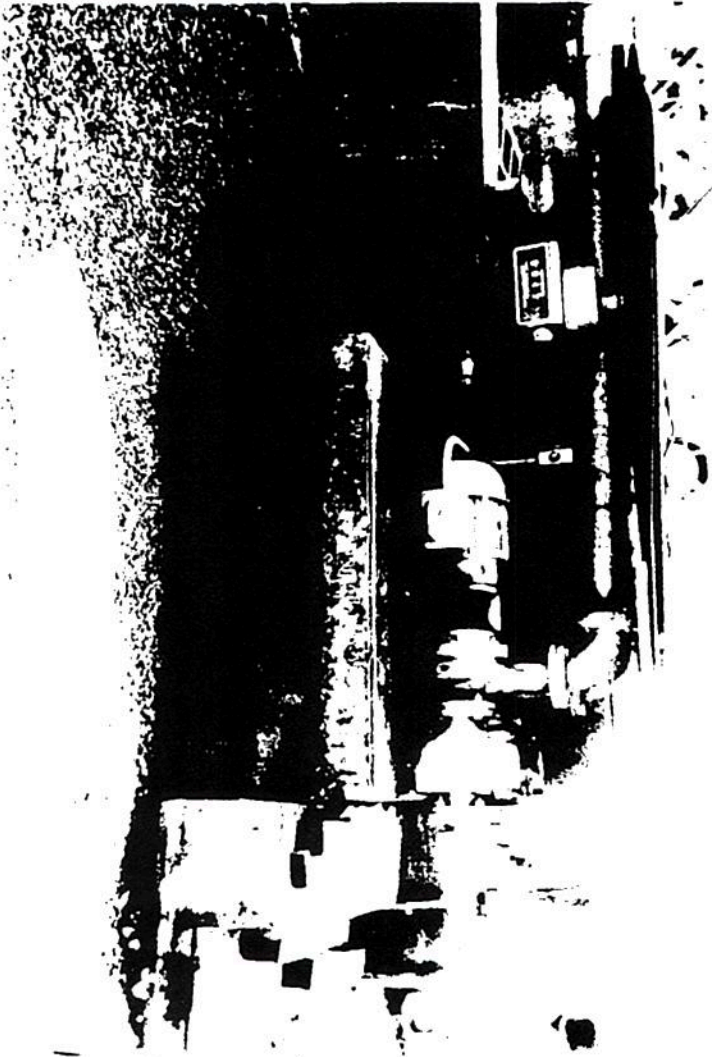








11



12





# **Attachment 6**



oil Screening Levels: Ingestion (May 1996) (ppm)					NA		NA		NA		NA	
oil Screening Levels: 1 DAF (May 1996) (ppm)					NA		NA		NA		NA	
uperfund Chemical Data Matrix: Benchmarks (June 1996) (ppm)					390		NA		NA		NA	
isk Based Concentration (RBC) (10/1/96) (ppm)					390		NA		47,000		NA	
Sample Location	XLNo	Cor1	Ssec	Date/Time	Mo	± Prec	Zr	± Prec	Sr	± Prec	Rb	± Prec
PB-009-01	417		26.7	5/17/00 12:08	<LOO	18.6	335.2	29.7	<LOO	14.85	<LOO	0.15
PB-009-02	418		22.1	5/17/00 12:09	<LOO	22.65	228.2	31.5	<LOO	19.2	0.3	0.2
PB-009-03	419		22.3	5/17/00 12:10	<LOO	21	260.8	31.6	<LOO	18.3	0.3	0.2
PB-009-04	420		24.3	5/17/00 12:10	<LOO	18	311.6	29	<LOO	14.4	0.3	0.2
PB-009-05	421		22.1	5/17/00 12:11	<LOO	16.2	174.4	23.4	<LOO	13.95	<LOO	0.3
PB-009-06	422		24.3	5/17/00 12:13	<LOO	18.45	375	31.1	<LOO	15	0.3	0.2
PB-009-07	423		24.4	5/17/00 12:14	<LOU	19.35	373	32.1	<LOO	15.6	0.3	0.2
PB-009-08	424		22.5	5/17/00 12:15	<LOO	23.7	431.2	41.1	<LOO	18.6	0.6	0.3
PB-009-09	425		22.3	5/17/00 12:15	<LOO	21	351	34.3	<LOO	17.25	0.3	0.2
PB-009-10	426		20.2	5/17/00 12:16	<LOO	25.35	406.8	41.1	<LOO	19.35	<LOO	0.3
PB-009-60 (0-4)	8		20.2	5/2/00 10:18	<LOO	24.6	511.6	44	<LOO	18	0.4	0.2
PB-009-60A (0-4)	150		24.2	3/29/00 13:46	<LOO	23.4	518.4	40.7	<LOO	16.65	<LOO	0.3
PB-009-60B (4-8)	151		22.1	3/29/00 13:51	<LOO	18.45	99.4	21.9	<LOU	15.6	<LOO	0.3
PB-009-60B (4-8)	94		20.1	5/2/00 12:31	<LOO	19.65	93.2	23.1	<LOO	15.45	<LOO	0.3
No	SAMB ID2	SAMB ID	SAMA TYPE	SAMB Descript	CN Unit	CN LabValue	PCB Unit	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1
38	PB-009	PB-009-04	SOIL	Pollock-Collins Oil	(mg/kg)	0.69 U	(ug/kg)	2,300 UJ	2,300 UJ	2,300 UJ	2,300 UJ	2,300 U
39	PB-009	PB-009-10	SOIL	Pollock-Collins Oil	(mg/kg)	0.64 U	(ug/kg)	22,000 UJ	22,000 UJ	22,000 UJ	22,000 UJ	22,000 U
40	PB-009	PB-009-60	SOIL	Pollock-Collins Oil (0-4)	(mg/kg)	0.57 U	(ug/kg)	200 UJ	200 UJ	200 UJ	200 UJ	200 U

# **Attachment 7**

OWNERSHIP MAP

CALHOUN CO., ALABAMA

PREPARED UNDER THE DIRECTION  
OF THE

STATE OF ALABAMA

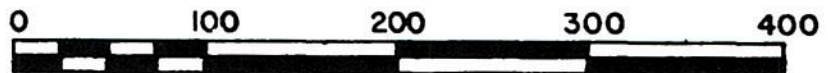
DEPARTMENT OF REVENUE

AD VALOREM TAX DIVISION

PREPARED BY

HUNNICUTT & ASSOCIATES, INC.

ST. PETERSBURG, FLA.



SCALE: 1" = 100'

DATE OF MAP: 10/1/77 DATE OF PHOTOGRAPHY: 1/31/75



COUNTY LOCATOR

			4	3	1	T 12 S
				2		

# LEGEND

STATE LINE ----- AREA (FROM DEED) 10.5 Ac.  
 COUNTY LINE ----- AREA (CALCULATED) 10.5 Ac. (c)  
 CORPORATION LINE ----- DIMENSION (FROM DEED) 16.5  
 DISTRICT LINE ----- DIMENSION (SCALED) 66' (s)

ROAD R/W ===== WATER -----

TRAVELED ROAD WAY ===== INTERSTATE HIGHWAY 55

RAILROAD R/W ===== U.S. HIGHWAY 50

PROPERTY LINE ----- STATE HIGHWAY 3

LAND HOOK ----- COUNTY HIGHWAY 17

INTERIOR TRACT LINE, OR ORIGINAL TRACT LINE ----- ROADS OR STREETS BY NAME

SUBDIVISION LOT NUMBER 29 MAJOR TRANSMISSION LINES (POWER) (GAS OR OIL)

PARCEL NUMBER 15 SECTION CORNERS 2 1 11 12

BLOCK LIMIT, (WHERE APPLICABLE) ----- STATE PLANE COORDINATES  
 0000000  
 N 1,088,000

OWNERSHIP MAP BLOCK, (WHERE APPLICABLE) 2

CHURCHES, SCHOOLS, CEMETERIES, AIRPORTS, GOVERNMENT LANDS, ETC. BY NAME  
 ORIGINAL BLOCK NUMBER 5

## REVISIONS

DATE	BY	1-22-93	AD	CHANGES OR ADDITIONS
9/80	Ms	1-26-94	AB	
5/85	ADS	4-12-95	AD	
3-24-89	AD	3-04-96	AD	
1-90-91	AD	4-23-96	bw	
1-6-92	AD	5-23-96	bw	

SECTIONS NE 1/4 7

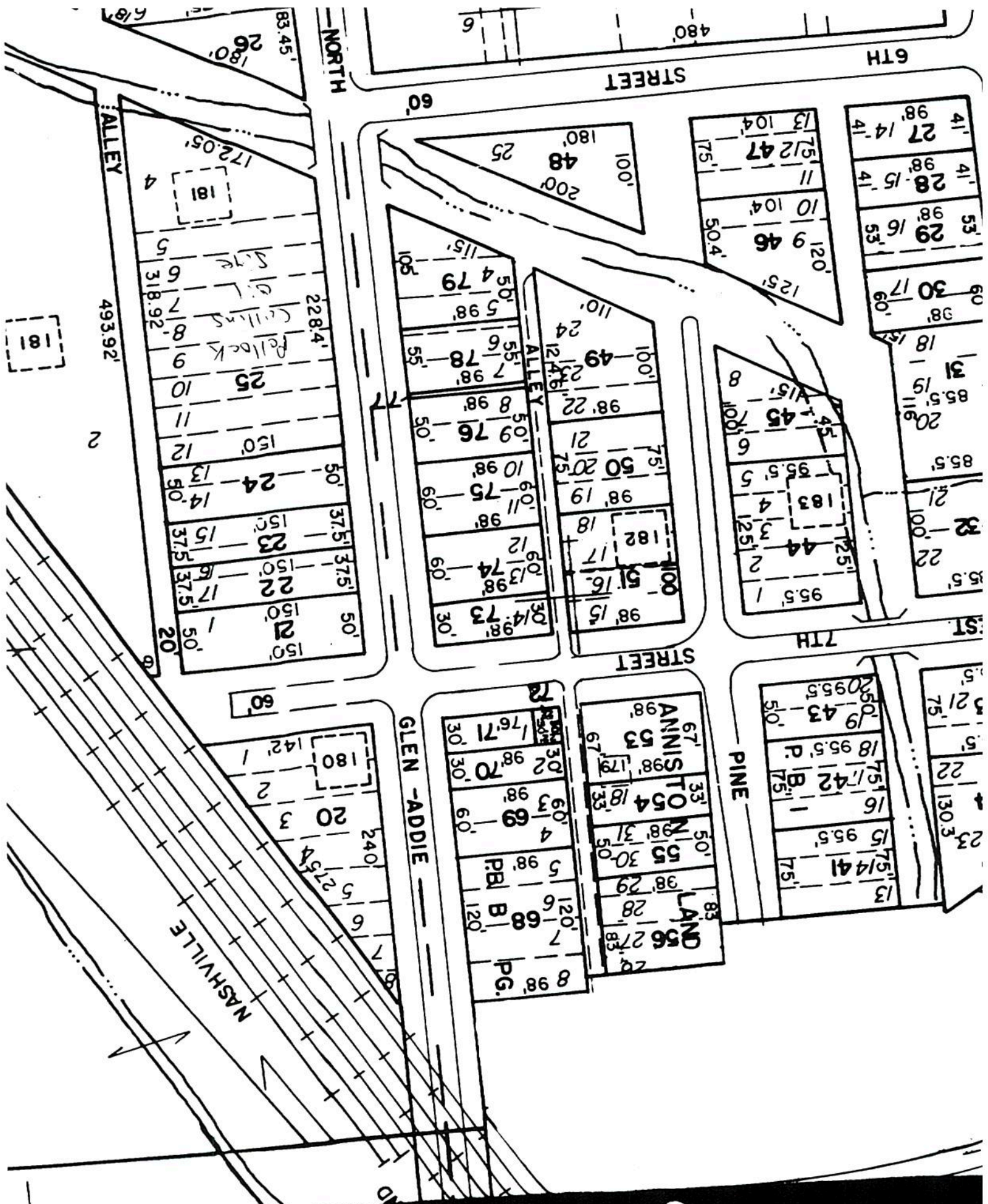
TOWN 16 SOUTH, RANGE 8 EAST

FL. 8 EXP. 17

11-21-03-07-1

MAP NUMBER







# Figures

- Figure 1      Pollock Collins Oil, Alabama State map location
- Figure 2      Pollock Collins Oil, Anniston, Al., U. S. G. S Topographic Map  
1956 Photorevised 1972
- Figure 3      Geologic Map of Alabama, Northeast Sheet 1988

# Figure 1

# Pollock – Collins C<sub>tr</sub>

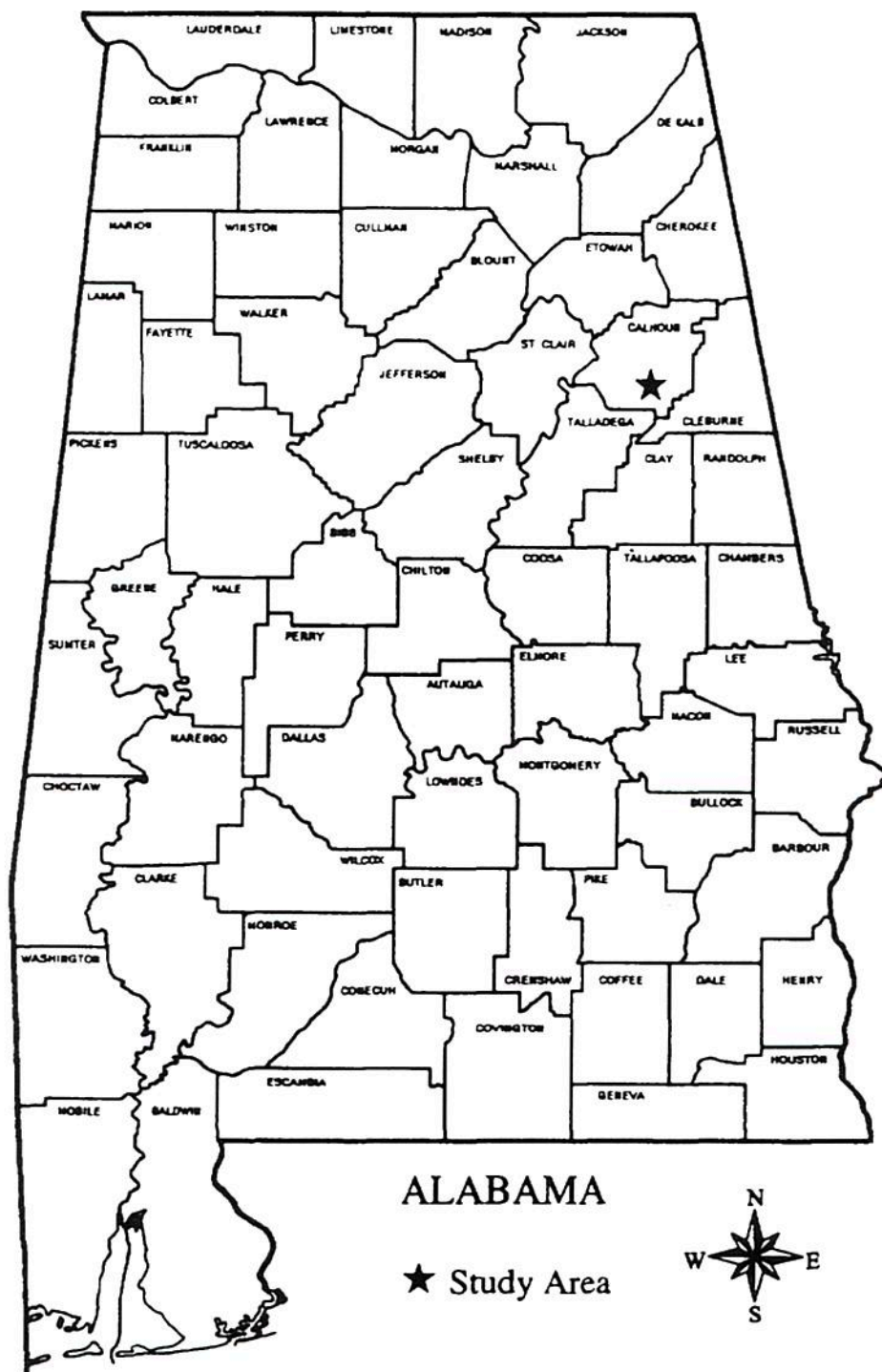
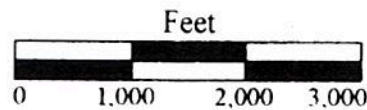
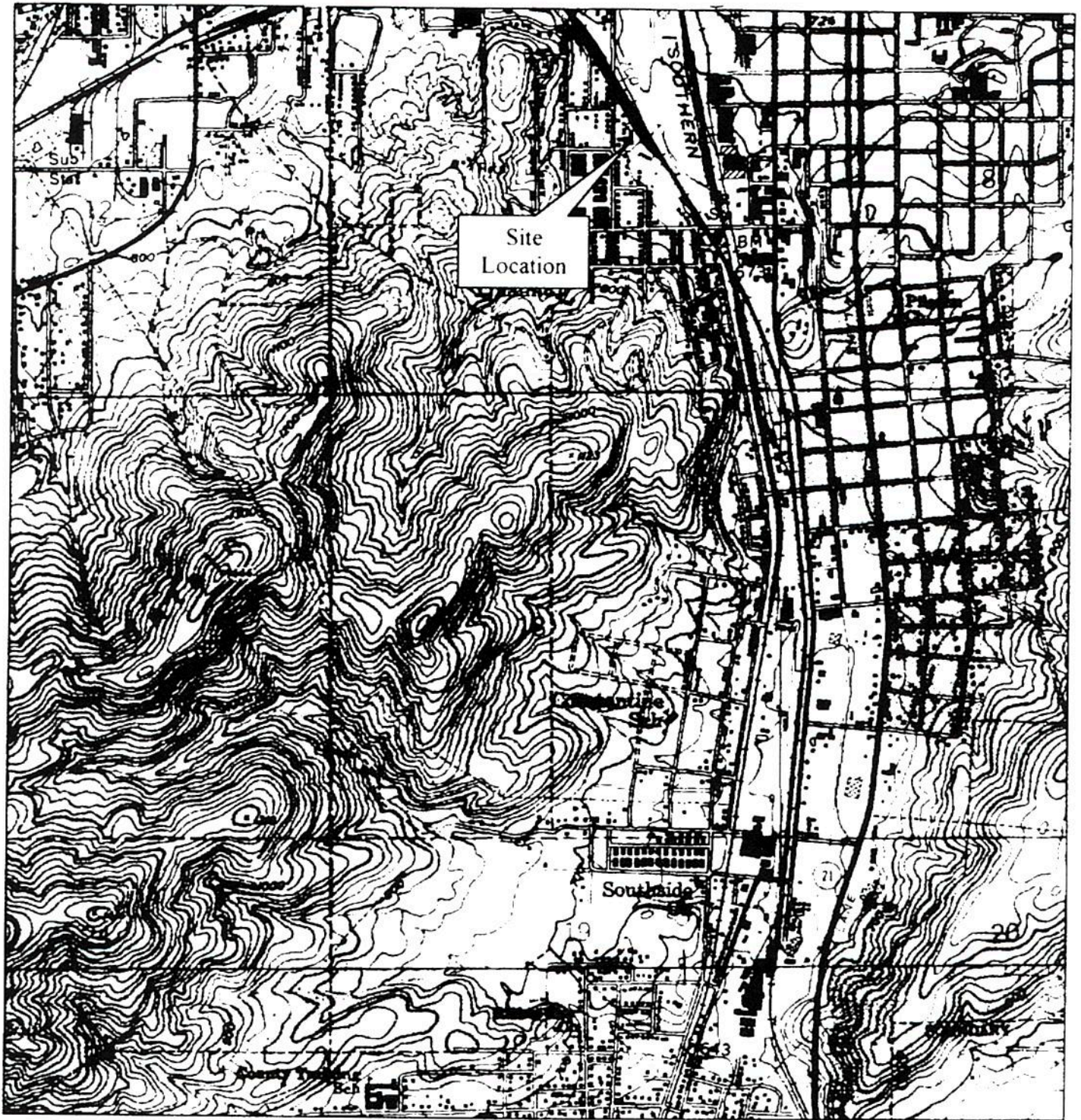


Figure 1

# Figure 2



# Site Location Map



Pollock - Collins Oil  
Anniston, Calhoun County, Alabama  
Anniston, Alabama  
U. S.G.S. Topographic Map 1956  
Photo Revised 1972

Figure 2

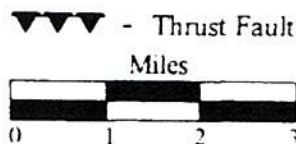


# Figure 3

# Geologic Units and Structures Near Pollock – Collins Oil



Ock - Knox Group Undifferentiated  
Cc - Conasauga Formation  
Cr - Rome Formation  
Cs - Shady Dolomite  
Cch - Chilhowee Group  
tld - Lay Dam Formation  
hp - Heflin Phyllite



Geologic Map of Alabama  
Northeast Sheet 1988  
W.E. Osborne, Michael W. Szabo, Thornton L. Neathery,  
and Charles W. Copeland Jr.  
Geological Survey of Alabama Special Map 220

Figure 3





Potential Hazardous  
Waste Site  
Preliminary Assessment Form

SITE: 1-8  
101-T

Identification

State: Al. CERCLIS Number: 7161

CERCLIS Discovery Date:  
March 20, 2000

1. General Site Information

Name: <u>Pollock Collins Oil</u>		Street Address: <u>605 Glenn Addie Ave.</u>			
City:	State: <u>Al.</u>	Zip Code: <u>36201</u>	County: <u>Calhoun</u>	Co. Code: <u>AL015</u>	Cong. Dist:
Latitude: <u>33° 39' 08.94"</u>	Longitude: <u>85° 50' 09.76"</u>	Approximate Area of Site: <u>1</u> Acres <u>43,500</u> Square Ft		Status of Site: <input checked="" type="checkbox"/> Active <input type="checkbox"/> Not Specified <input type="checkbox"/> Inactive <input type="checkbox"/> NA (OW phase, etc.)	

2. Owner/Operator Information

Owner: <u>John Collins</u>			Operator: <u>John Collins</u>		
Street Address: <u>605 Glenn Addie Ave.</u>			Street Address: <u>605 Glenn Addie Ave.</u>		
City: <u>Anniston</u>			City: <u>Anniston</u>		
State: <u>Al.</u>	Zip Code: <u>36201</u>	Telephone: <u>(256) 236-6111</u>	State: <u>Al.</u>	Zip Code: <u>36201</u>	Telephone: <u>(256) 236-6111</u>
Type of Ownership: <input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal Agency Name: _____ <input type="checkbox"/> State <input type="checkbox"/> Indian <input type="checkbox"/> County <input type="checkbox"/> Municipal <input type="checkbox"/> Not Specified <input type="checkbox"/> Other: _____			How Initially Identified: <input type="checkbox"/> Citizen Complaint <input type="checkbox"/> PA Petition <input type="checkbox"/> State/Local Program <input checked="" type="checkbox"/> RCRA/CERCLA Notification <input type="checkbox"/> Federal Program <input type="checkbox"/> Incidental <input type="checkbox"/> Not Specified <input type="checkbox"/> Other: _____		

3. Site Evaluator Information

Name of Evaluator: <u>Kevin M. Smith</u>		Agency/Organization: <u>ADEM</u>		Date Prepared: <u>Sept. 19, 2000</u>	
Street Address: <u>1400 Coliseum Blvd.</u>			City: <u>Montgomery</u>		State: <u>Al.</u>
Name of EPA or State Agency Contact: <u>Kevin M. Smith</u>			Street Address: <u>1400 Coliseum Blvd</u>		
City: <u>Montgomery</u>			State: <u>Al.</u>	Telephone: <u>(334) 279-3076</u>	

4. Site Disposition (for EPA use only)

Emergency Response/Removal Assessment Recommendation: <input type="checkbox"/> Yes <input type="checkbox"/> No Date: _____	CERCLIS Recommendation: <input type="checkbox"/> Higher Priority SI <input type="checkbox"/> Lower Priority SI <input type="checkbox"/> NFRAP <input type="checkbox"/> RCRA <input type="checkbox"/> Other: _____ Date: _____	Signature:  Name (typo):  Position:
----------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------







Potential Hazardous Waste Site  
Preliminary Assessment Form - Page 2 of 4

CERCLIS Number:

7161

### 5. General Site Characteristics

Predominant Land Uses Within 1 Mile of Site (check all that apply):

- |                                                |                                      |                                                 |
|------------------------------------------------|--------------------------------------|-------------------------------------------------|
| <input checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Agriculture | <input type="checkbox"/> DOI                    |
| <input checked="" type="checkbox"/> Commercial | <input type="checkbox"/> Mining      | <input type="checkbox"/> Other Federal Facility |
| <input type="checkbox"/> Residential           | <input type="checkbox"/> DOD         |                                                 |
| <input type="checkbox"/> Forest/Fields         | <input type="checkbox"/> DOE         | <input type="checkbox"/> Other _____            |

Site Setting:

- ☒ Urban  
☐ Suburban  
☐ Rural

Years of Operation:

Beginning Year 1938

Ending Year Present

☐ Unknowns

Type of Site Operations (check all that apply):

☐ Manufacturing (must check subcategory)

- ☐ Lumber and Wood Products  
☐ Inorganic Chemicals  
☐ Plastic and/or Rubber Products  
☐ Paints, Varnishes  
☒ Industrial Organic Chemicals  
☐ Agricultural Chemicals  
(e.g., pesticides, fertilizers)  
☒ Miscellaneous Chemical Products  
(e.g., adhesives, explosives, ink)  
☐ Primary Metals  
☐ Metal Coating, Plating, Engraving  
☐ Metal Forging, Stamping  
☐ Fabricated Structural Metal Products  
☐ Electronic Equipment  
☐ Other Manufacturing

☐ Mining

- ☐ Metals  
☐ Coal  
☐ Oil and Gas  
☐ Non-metallic Minerals

☐ Retail

- ☐ Recycling  
☐ Junk/Salvage Yard  
☐ Municipal Landfill  
☐ Other Landfill  
☐ DOD  
☐ DOE  
☐ DOI  
☐ Other Federal Facility \_\_\_\_\_  
☐ RCRA

☐ Treatment, Storage, or Disposal

- ☐ Large Quantity Generator  
☐ Small Quantity Generator

☐ Subtitle D

- ☐ Municipal  
☐ Industrial

☐ "Converter"

☐ "Protective Filter"

☐ "Non- or Late Filter"

☐ Not Specified

☐ Other \_\_\_\_\_

Waste Generated: None

- ☐ Onsite  
☐ Offsite  
☐ Onsite and Offsite

Waste Deposition Authorized By:

- ☐ Present Owner None  
☐ Former Owner  
☐ Present & Former Owner  
☐ Unauthorized  
☐ Unknowns

Waste Accessible to the Public:

- ☐ Yes  
☒ No

Distance to Nearest Dwelling,  
School, or Workplace:

75 Feet

### 6. Waste Characteristics Information

Source Type:  
(check all that apply)

- ☐ Landfill  
☐ Surface Impoundment  
☐ Drums  
☐ Tanks and Non-Drum Containers  
☐ Chemical Waste Pile  
☐ Scrap Metal or Junk Pile  
☐ Tailings Pile  
☐ Trash Pile (open dump)  
☐ Land Treatment  
☐ Contaminated Ground Water Plume  
(unidentified source)  
☐ Contaminated Surface Water/Sediment  
(unidentified source)  
☒ Contaminated Soil  
☐ Other \_\_\_\_\_  
☐ No Sources

Source Waste Quantity:  
(include units)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
3 ft. x 3 ft.  
\_\_\_\_\_  
\_\_\_\_\_

Tier<sup>a</sup>:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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General Types of Waste (check all that apply)

- No waste
- |                                                        |                                                |
|--------------------------------------------------------|------------------------------------------------|
| <input type="checkbox"/> Metals                        | <input type="checkbox"/> Pesticides/Herbicides |
| <input type="checkbox"/> Organics                      | <input type="checkbox"/> Acids/Bases           |
| <input type="checkbox"/> Inorganics                    | <input type="checkbox"/> Oily Waste            |
| <input type="checkbox"/> Solvents                      | <input type="checkbox"/> Municipal Waste       |
| <input type="checkbox"/> Paints/Pigments               | <input type="checkbox"/> Mining Waste          |
| <input type="checkbox"/> Laboratory/Hospital Waste     | <input type="checkbox"/> Explosives            |
| <input type="checkbox"/> Radioactive Waste             | <input type="checkbox"/> Other _____           |
| <input type="checkbox"/> Construction/Demolition Waste |                                                |

Physical State of Waste as Deposited (check all that apply):

- No waste
- ☐ Solid ☐ Sludge ☐ Powder  
☐ Liquid ☐ Gas

<sup>a</sup> C = Constituent, W = Wastestream, V = Volume, A = Area





Potential Hazardous Waste Site  
Preliminary Assessment Form - Page 3 of 4

CERCLIS Number:

7161

### 7. Ground Water Pathway

Is Ground Water Used for Drinking Water Within 4 Miles:

☒ Yes  
☐ No

Type of Drinking Water Wells Within 4 Miles (check all that apply):

☒ Municipal  
☐ Private  
☐ None

Is There a Suspected Release to Ground Water:

☐ Yes  
☒ No

Have Primary Target Drinking Water Wells Been Identified:

☐ Yes  
☒ No

If Yes, Enter Primary Target Population:

\_\_\_\_\_ People

List Secondary Target Population Served by Ground Water Withdrawn From:

0 - 1/4 Mile	0
> 1/4 - 1/2 Mile	0
> 1/2 - 1 Mile	0
> 1 - 2 Miles	410
> 2 - 3 Miles	400
> 3 - 4 Miles	0
Total Within 4 Miles	810

Depth to Shallowest Aquifer:

25 Feet

Karst Terrain/Aquifer Present:

☒ Yes  
☐ No

Nearest Designated Wellhead Protection Area:

☐ Underlies Site  
☐ > 0 - 4 Miles  
☒ None Within 4 Miles

### 8. Surface Water Pathway

Type of Surface Water Draining Site and 15 Miles Downstream (check all that apply):

☒ Stream ☐ River ☐ Pond ☐ Lake  
☐ Bay ☐ Ocean ☐ Other \_\_\_\_\_

Shortest Overland Distance From Any Source to Surface Water:

\_\_\_\_\_ Feet on site  
\_\_\_\_\_ Miles

Is There a Suspected Release to Surface Water:

☐ Yes  
☒ No

Site is Located in:

☐ Annual - 10 yr Floodplain  
☒ > 10 yr - 100 yr Floodplain  
☐ > 100 yr - 500 yr Floodplain  
☐ > 500 yr Floodplain

Drinking Water Intakes Located Along the Surface Water Migration Path:

☐ Yes  
☒ No

Have Primary Target Drinking Water Intakes Been Identified:

☐ Yes  
☒ No

If Yes, Enter Population Served by Primary Target Intakes:

\_\_\_\_\_ People

List All Secondary Target Drinking Water Intakes:

Name	Water Body	Flow (cfs)	Population Served
------	------------	------------	-------------------

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Total within 15 Miles None

Fisheries Located Along the Surface Water Migration Path:

☒ Yes  
☐ No

Have Primary Target Fisheries Been Identified:

☐ Yes  
☒ No

List All Secondary Target Fisheries:

Water Body/Fishery Name	Flow (cfs)
Snow Creek	410 cfs
Chaccolocco Creek	50 cfs
_____	_____
_____	_____







Potential Hazardous Waste Site  
Preliminary Assessment Form - Page 4 of 4

CERCLIS Number:

7161

### 8. Surface Water Pathway (continued)

Wetlands Located Along the Surface Water Migration Path:

- ☐ Yes  
☒ No

Have Primary Target Wetlands Been Identified:

- ☐ Yes  
☒ No

List Secondary Target Wetlands:

Water Body	Flow (cfs)	Proximity Miles
None		

Other Sensitive Environments Located Along the Surface Water Migration Path:

- ☐ Yes  
☒ No

Have Primary Target Sensitive Environments Been Identified:

- ☐ Yes  
☒ No

List Secondary Target Sensitive Environments:

Water Body	Flow (cfs)	Sensitive Environment Type
None		

### 9. Soil Exposure Pathway

Are People Occupying Residences or  
Attending School or Daycare on or Within 200  
Feet of Areas of Known or Suspected  
Contamination:

- ☒ Yes  
☐ No

If Yes, Enter Total Resident Population:

39 People

Number of Workers Onsite:

- ☐ None  
☒ 1 - 100  
☐ 101 - 1,000  
☐ > 1,000

Have Terrestrial Sensitive Environments Been Identified on  
or Within 200 Feet of Areas of Known or Suspected  
Contamination:

- ☐ Yes  
☒ No

If Yes, List Each Terrestrial Sensitive Environment:

### 10. Air Pathway

Is There a Suspected Release to Air:

- ☐ Yes  
☐ No

Enter Total Population on or Within:

Onsite	3
0 - 1/4 Mile	211
> 1/4 - 1/2 Mile	756
> 1/2 - 1 Mile	4268
> 1 - 2 Miles	11905
> 2 - 3 Miles	11382
> 3 - 4 Miles	10568
Total Within 4 Miles	39093

Wetlands Located Within 4 Miles of the Site:

- ☐ Yes  
☒ No

Other Sensitive Environments Located Within 4 Miles of the Site:

- ☐ Yes  
☒ No

List All Sensitive Environments Within 1/4 Mile of the Site:

Distance	Sensitive Environment Type/Wetlands Area (acres)
----------	--------------------------------------------------

Onsite	None
0 - 1/4 Mile	
> 1/4 - 1/2 Mile	

